

ABSTRACT

A self-adaptive personal view agent system is described. The system includes a proxy, a personal view constructor, and a personal view maintainer. The proxy keeps track of a user's Internet access activities, and extracts a topic page from web pages that have been accessed by the user. The personal view constructor builds a personal view, in a form of a hierarchy of categories, for the user based on the topic page extracted by the proxy. The personal view maintainer adjusts the personal view based on an energy value of each of the categories to reflect changes in the user's interest.

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